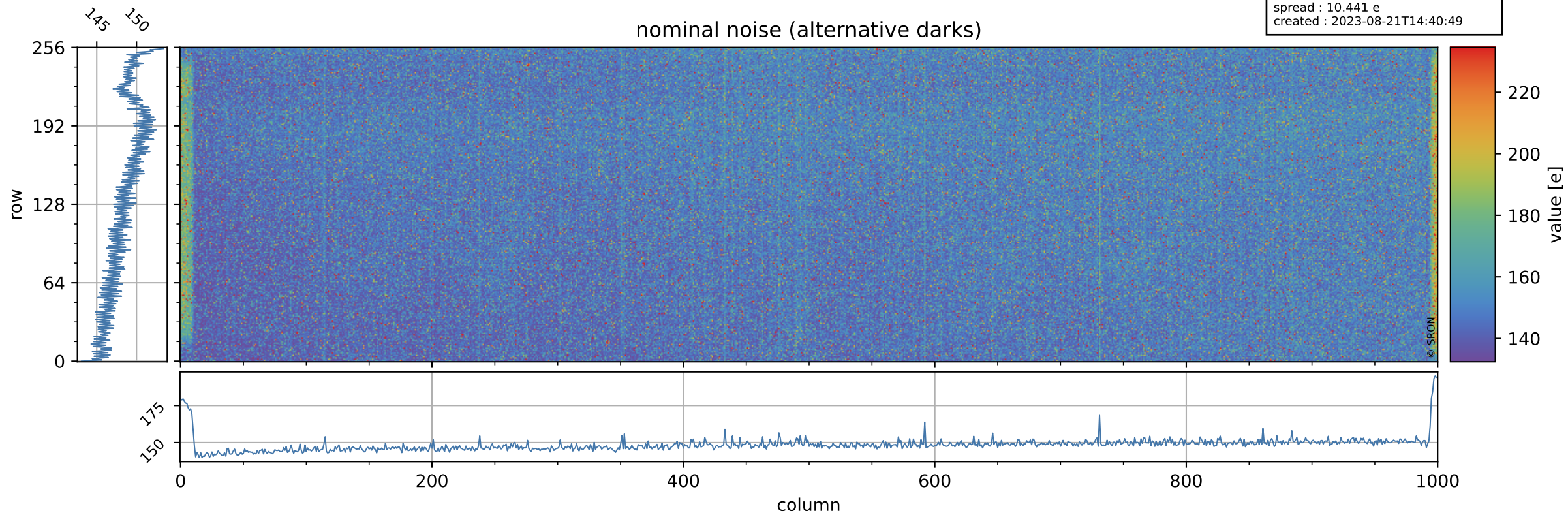


# Tropomi SWIR background noise (swir)

orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.34 e  
spread : 10.441 e  
created : 2023-08-21T14:40:49

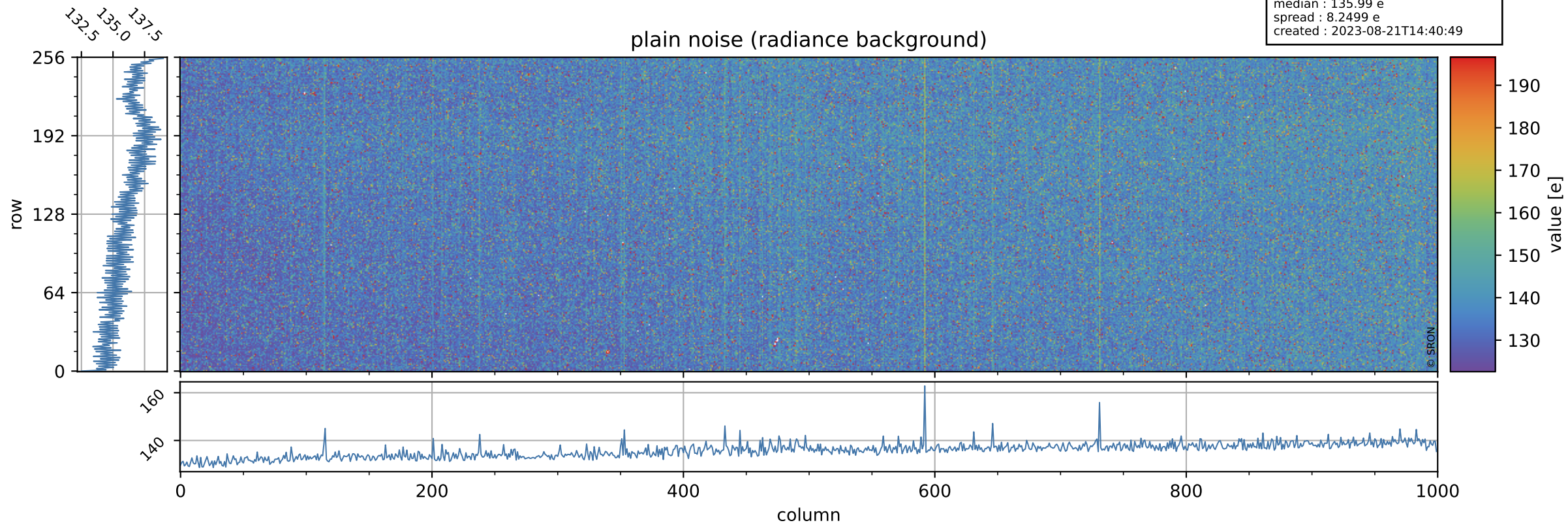
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
n\_coad, t\_exp : 2, 0.5383  
median : 135.99 e  
spread : 8.2499 e  
created : 2023-08-21T14:40:49

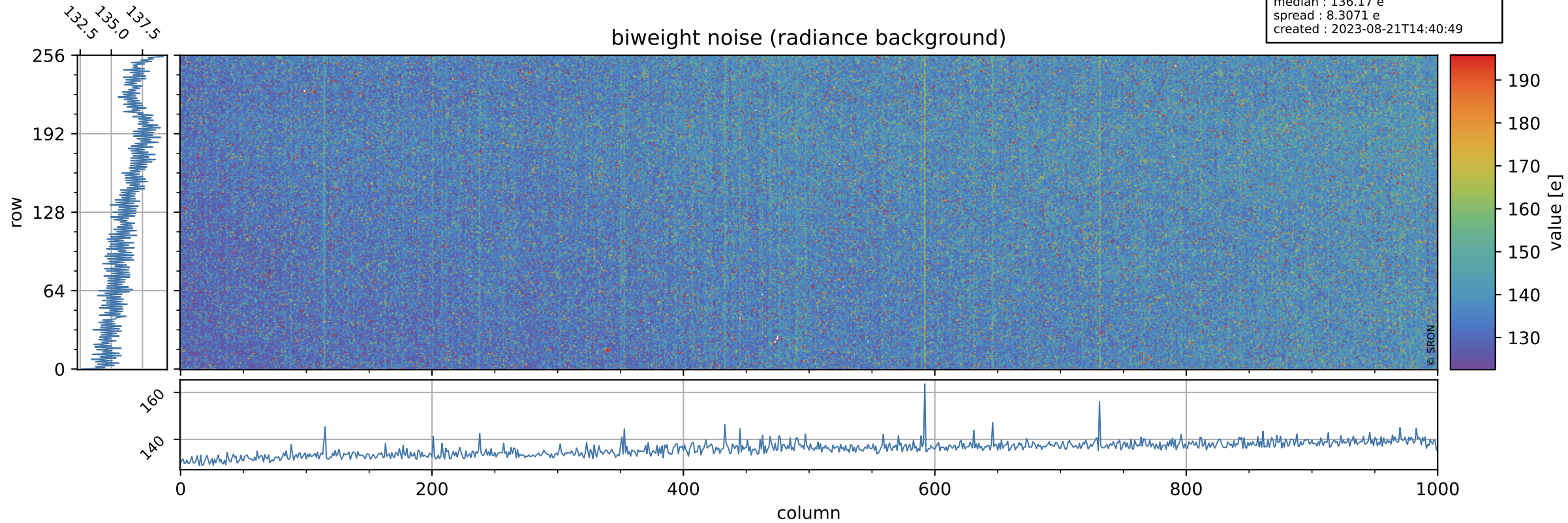
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.3071 e  
created : 2023-08-21T14:40:49

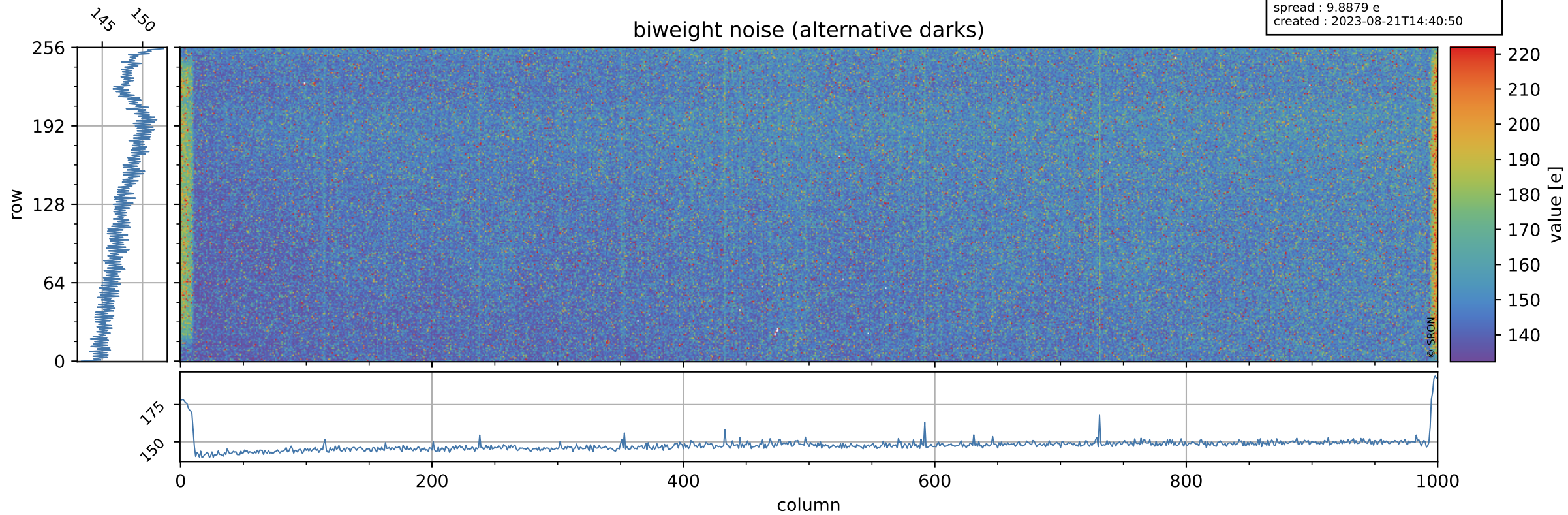
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 9.8879 e  
created : 2023-08-21T14:40:50

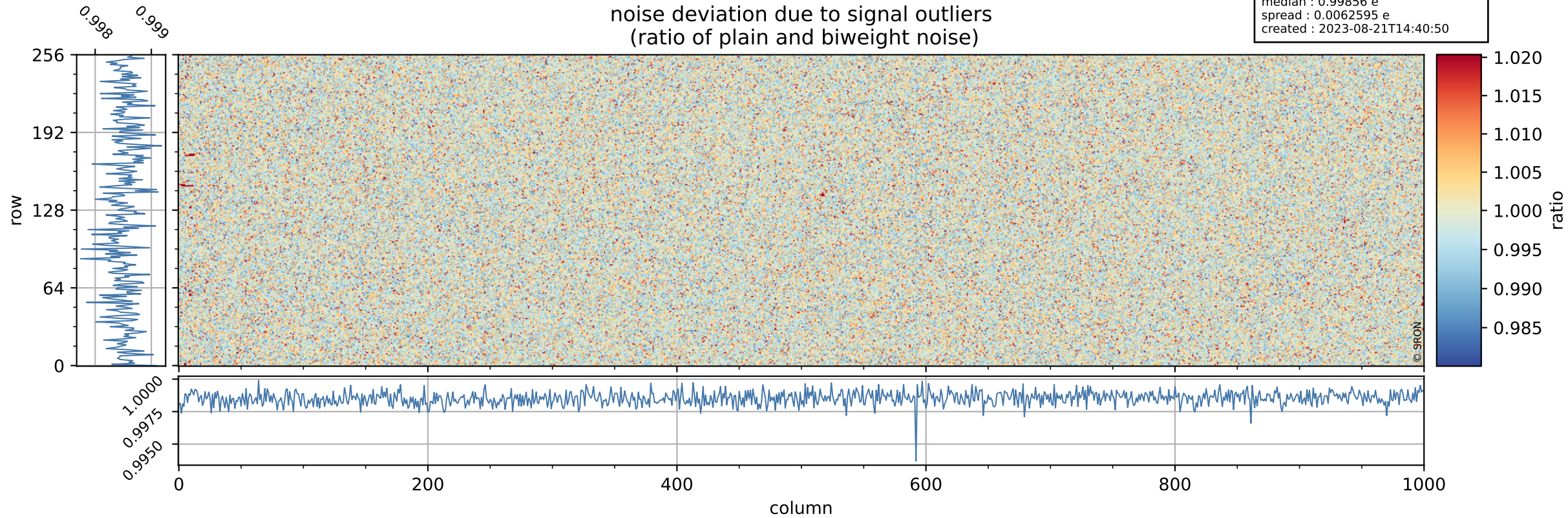
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

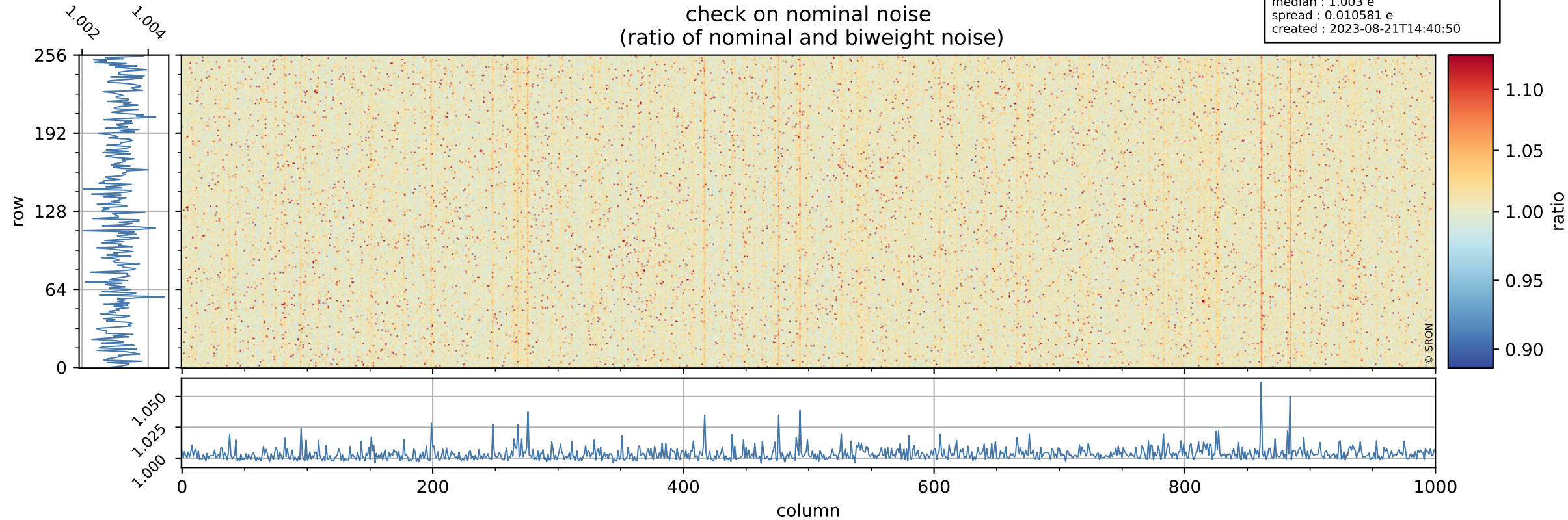
orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
median : 0.99856 e  
spread : 0.0062595 e  
created : 2023-08-21T14:40:50



# Tropomi SWIR background noise (swir)

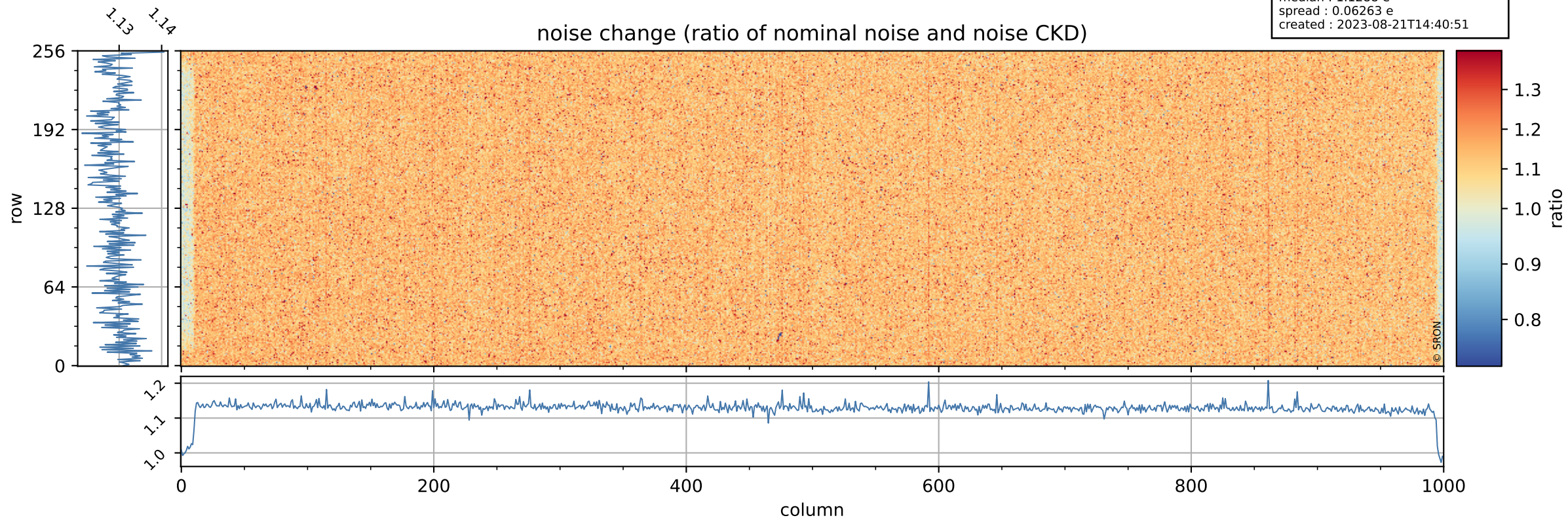
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
median : 1.003 e  
spread : 0.010581 e  
created : 2023-08-21T14:40:50



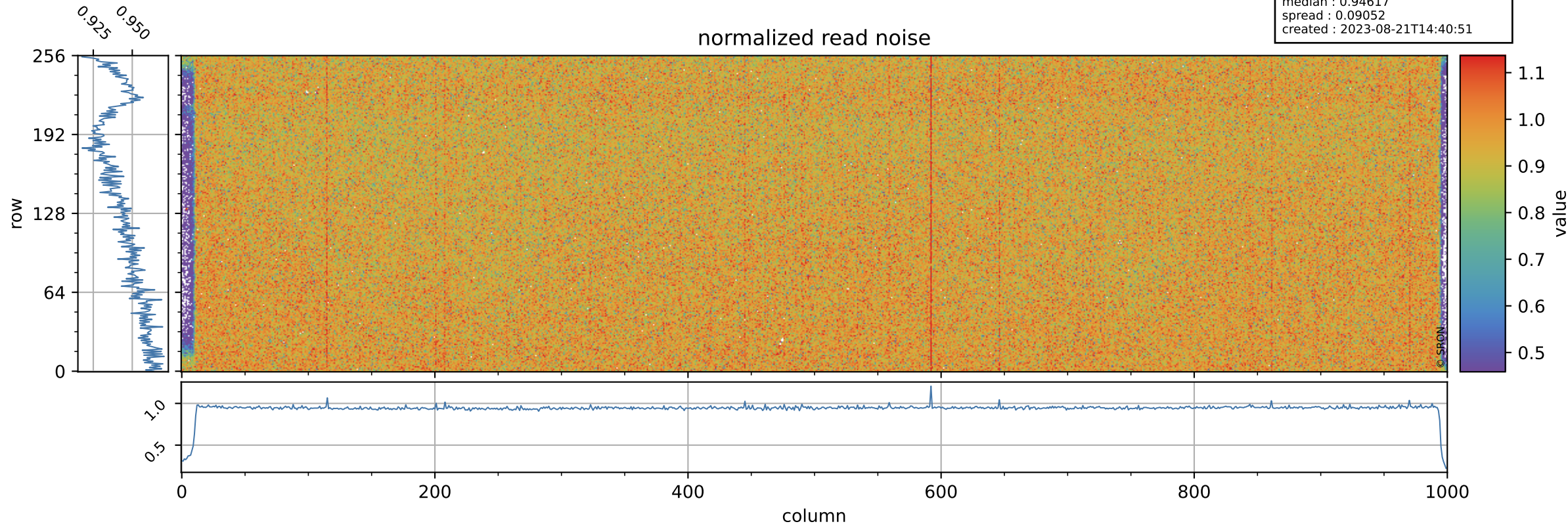
# Tropomi SWIR background noise (swir)

orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
median : 1.1288 e  
spread : 0.06263 e  
created : 2023-08-21T14:40:51



# Tropomi SWIR background noise (swir)

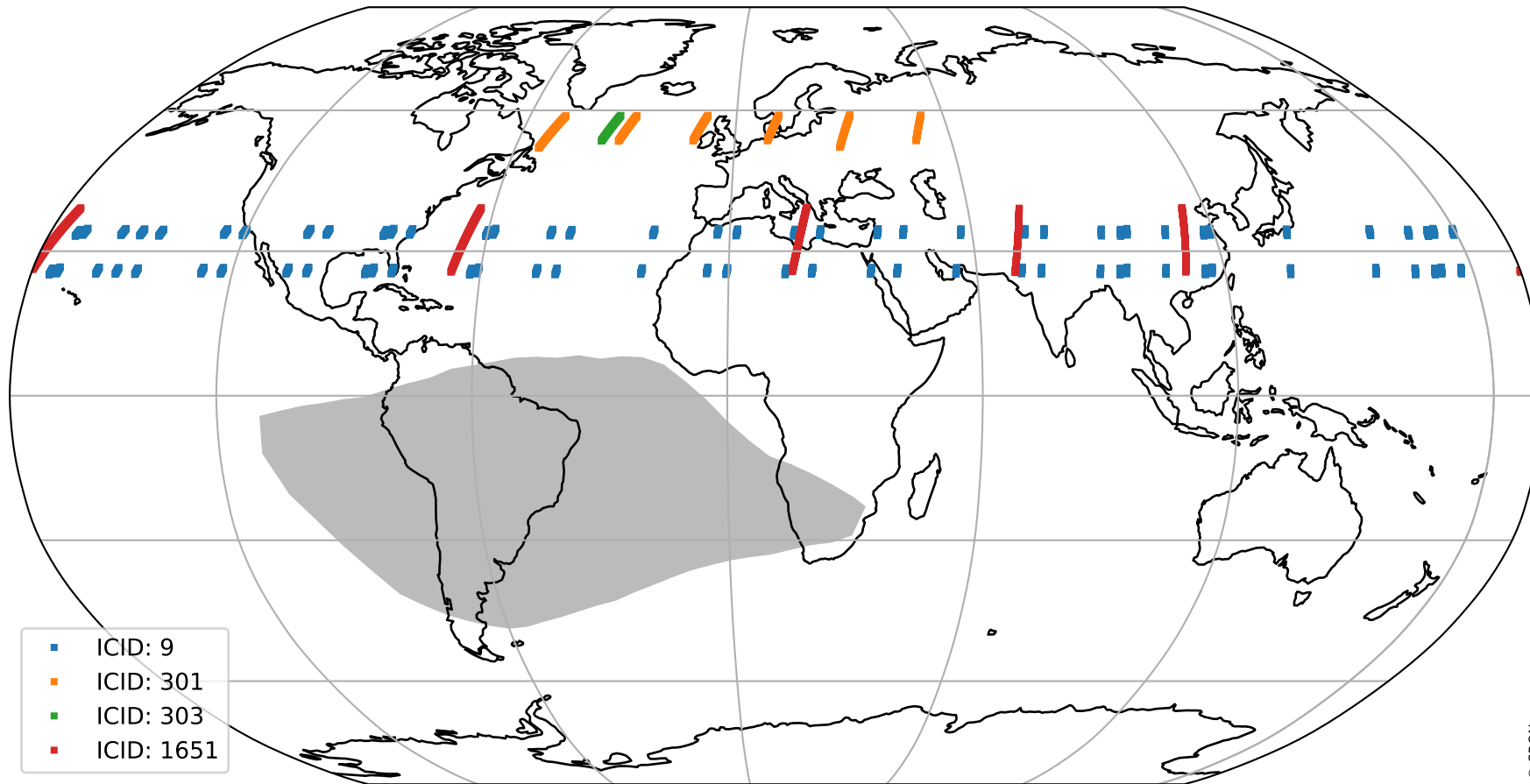
orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
median : 0.94617  
spread : 0.09052  
created : 2023-08-21T14:40:51





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

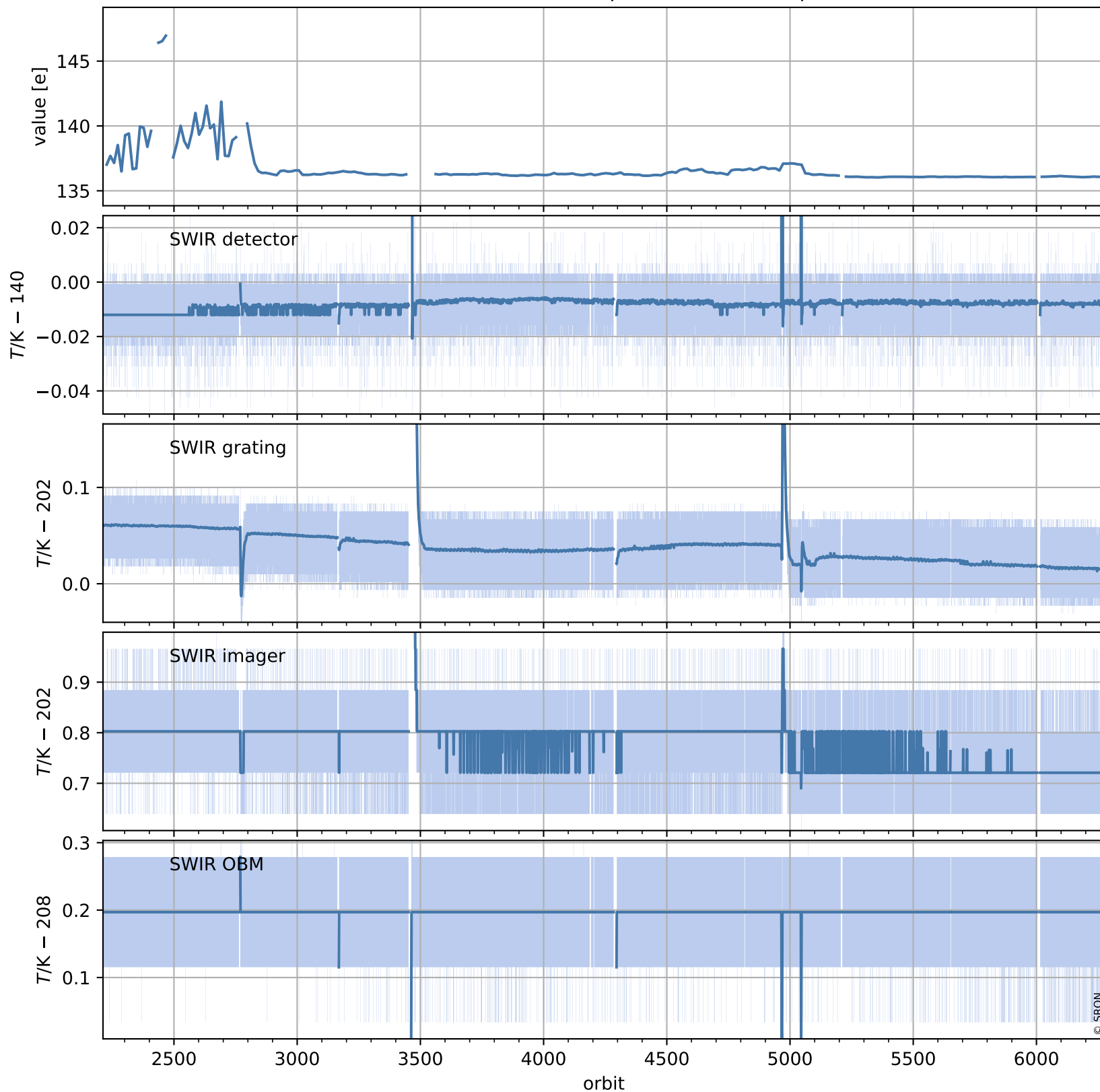
orbits : 12 in [6187, 6277]  
coverage : 2018-12-23 / 2018-12-29  
created : 2023-08-21T14:40:51



# Tropomi SWIR background noise (swir)

orbits : [2212, 6277]  
coverage : 2018-03-18 / 2018-12-29  
created : 2023-08-21T14:40:52

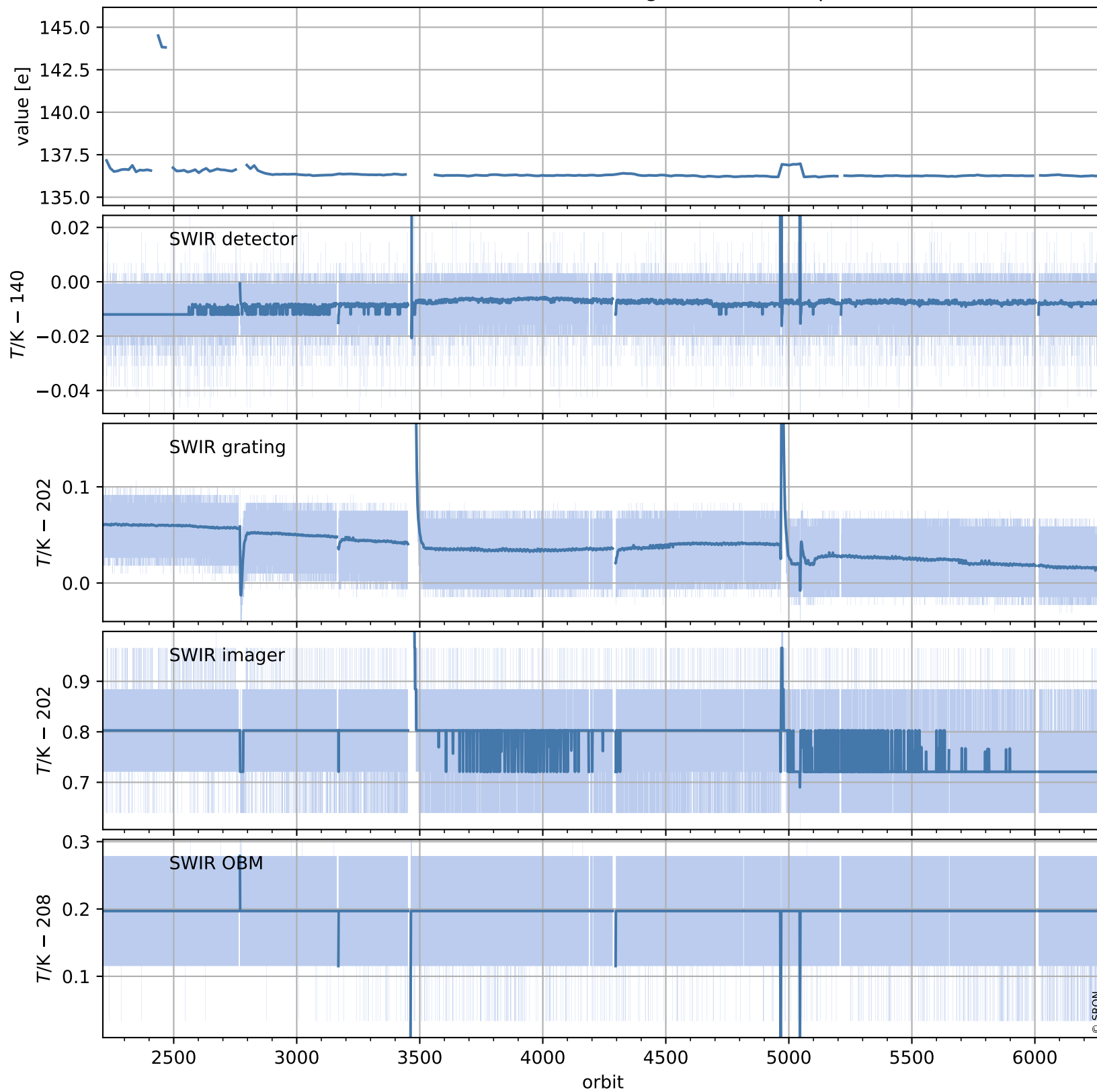
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6277]  
coverage : 2018-03-18 / 2018-12-29  
created : 2023-08-21T14:40:52

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6277]  
coverage : 2018-03-18 / 2018-12-29  
created : 2023-08-21T14:40:53

## trend of normalized read-noise & temperatures

